10/656,805

and XhoI sites of pcDNA3 (Invitrogen, San Diego, CA) to create the mammalian expression plasmid pCD5MCPRB. The CD5-CCR2b fragment was subcloned into the BamH I-Not I site of pCDEF3 (Goldman *et al.*, (1996) *Biotechniques 21*:1013-1015), and this construct was designated CCR2bDEF3. In this expression vector, the expression of the inserted gene is driven by the EF-1α promoter.

ME 4/13/09

Please replace the paragraph beginning at page 49, line ~~9~~ 10 with the following amended paragraph:

For the staining of cultured transfectant cell lines 0.5 x 10^6 cells in 50 µl were resuspended in PBS + 1% FCS in a 96 well polystyrene V-bottom plate. 50 µl of primary antibody supernatants or HT medium (negative control) were added, and the samples were incubated at 4°C for 30 min. 100 µl of PBS were added and the cells were pelleted by centrifugation and washed once with PBS. The pellet was resuspended in 100 µl PBS + 1% FCS containing FITC-conjugated goat anti-mouse IgG antibody (a 1:250 dilution) and incubated for thirty minutes at 4°C in the dark. The cells were washed twice with PBS, resuspended in PBS, and analyzed by flow ~~cytometry~~ cytometry with a ~~FacScan~~ FACScan® cytometer using the CellQuest™ software (Becton ~~Dickenson~~ Dickinson). Cells were fixed with PBS/1% formaldehyde if they were not to be analyzed the same day. Monoclonal antibodies 1D9 and 8G2 stain CCR2 transfectants but not CCR1 or CCR5 transfectants (FIGS. 1A-1O).

ME 4/13/09

Please replace the paragraph beginning at page 49, line ~~9~~ 23 with the following amended paragraph:

100 µl whole blood was mixed with 100 ~~µL~~ µl of 1D9 antibody hybridoma supernatants or HT medium (negative control) and incubated at 4°C for 30 min. After one wash with PBS, 100 ~~µL~~ µl FITC-conjugated goat anti-mouse IgG antibody (a 1:250 dilution) was added to each sample and incubated for 30 min. at 4°C in the dark. Samples were then washed once with PBS if a second color staining is to be done, otherwise washed twice more in PBS. For two color staining 5 µl of mouse serum was added to the cell pellets after the single wash, mixed, and